

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-189921

(43)Date of publication of application : 31.07.1989

(51)Int.CI.

H01L 21/30

G03C 11/00

G03F 7/00

(21)Application number : 63-016127

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(22)Date of filing : 26.01.1988

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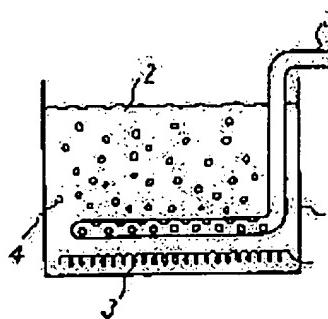
## (54) RESIST REMOVING APPARATUS

### (57)Abstract:

**PURPOSE:** To prevent decrease of concentration of hydrogen peroxide solution and to enable resist to be removed stably, by dissolving ozon gas in a heated mixture of sulfuric acid and the hydrogen peroxide solution.

**CONSTITUTION:** Liquid mixture 2 consisting of concentrated sulfuric acid and hydrogen peroxide in proportions of about 4:1 is introduced into a chemical vessel 1 and heated by a heater 3 to a temperature of 100W130°C. Then, ozon gas 4 is fed into the liquid from a bubbler 5.

Bubbles of the ozon gas produced thereby are contacted with the heated liquid mixture 2 of the concentrated sulfuric acid and hydrogen peroxide, and a part of the ozon gas is dissolved in the solution. A wafer having resist thereon is dipped in the solution for about 15 minutes, whereby the resist is removed from the wafer. The resist removing solution may be substituted by a mixture of concentrated sulfuric acid and concentrated nitric acid. According to this method, deterioration of capability of removing the resist can be prevented effectively.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's